

01-28-02 OKDO 0400 01-08-02 #3
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

In re application of: Frederick W. Giacobbe

Attorney Docket No.: 25184-P033US

Application No.: 10/004,061

Examiner: To Be Assigned

Filed: October 31, 2001

Group: To Be Assigned

Title: HEAT TRANSFER FLUIDS AND
METHODS OF MAKING AND USING SAME

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service "EXPRESS MAIL POST OFFICE TO ADDRESSEE", no. EK694573783US, under 37 C.F.R. 1.10 on the date indicated and addressed to: Assistant Commissioner for Patents, Box PATENT APPLICATION, Washington, DC 20231 on January 25, 2002.

Signed: Renee A. Glazer

Renee A. Glazer

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §§1.56 AND 1.97(c)

Assistant Commissioner for Patents
BOX PATENT APPLICATION
Washington, DC 20231

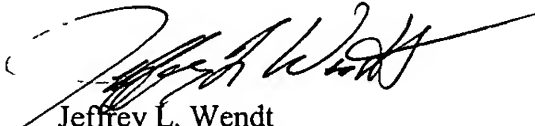
Dear Sir:

The references listed in the attached PTO Form SB/08A, copies of which are attached, may be material to examination of the above-identified patent application. Applicants submit these references in compliance with their duty of disclosure pursuant to 37 CFR §§1.56 and 1.97. The Examiner is requested to make these references of official record in this application.

This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that these references indeed constitute prior art.

This Information Disclosure Statement is being filed within three (3) months of the filing date of the above-referenced application. Accordingly, it is believed that no fees are due in connection with the filing of this Information Disclosure Statement. However, if it is determined that any fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 23-2426 (Order No. 25184-P033US).

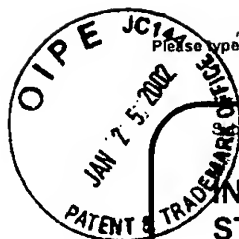
Respectfully submitted,
WINSTEAD SECHREST & MINICK, P.C.



Jeffrey L. Wendt
Registration No. 32,952

600 Town Center One
1450 Lake Robbins Drive
The Woodlands, TX 77380
Telephone: (281) 681-5929
Facsimile: (281) 681-5901

HOUSTON_1\544616\1
01/18/2002 - 25184-P033US



Please type a plus sign (+) inside this box →



PTO/SB/08A (8-00) (Modified)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent & Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	10/004,061
Filing Date	October 31, 2001
First Named Inventor	Frederick W. GIACOBBE
Group Art Unit	To Be Assigned
Examiner Name	To Be Assigned
Attorney Docket Number	25184-P033US/S5648

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of cited document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		Number	Kind code ² (if known)			
		5,897,682		Koaizawa, et al.	04/27/1999	
		6,092,391		Chludzinski	07/25/2000	
		4,166,799		Giacobbe	09/04/1979	
		6,254,666		Li, et al.	07/03/2001	
		6,125,638		Ji, et al.	10/03/2000	
		5,606,861		Renz	03/04/1997	
		5,921,091		Foss, et al.	07/13/1999	
		5,284,499		Harvey, et al.	02/08/1994	
		4,437,870		Miller	03/20/1984	
		4,154,592		Bailey	05/15/1979	
		5,059,229		Blankenship	10/22/1991	
		5,568,728		Sapsford	10/29/1996	
		4,627,244		Willhoft	12/09/1986	
		5,377,491		Schulte	01/03/1995	
		4,514,205		Darcangelo, et al.	04/30/1985	
		4,664,689		Davis	05/12/1987	
		4,761,168		Blyler, Jr. et al.	08/02/1988	
		4,838,918		Vaughan et al.	06/13/1989	
		4,913,715		Jochem et al.	04/03/1990	
		4,966,615		Linden et al.	10/30/1990	
		4,594,088		Paek et al.	06/10/1986	
		4,531,959		Kar et al.	07/30/1985	
		4,208,200		Claypoole et al.	06/17/1980	
		4,400,190		Briere	08/23/1983	
		4,995,892		Garrett et al.	02/26/1991	
		4,673,427		Van Der Giessen et al.	06/16/1987	
		4,673,427		Van Der Giessen et al.	06/16/1987	
		4,988,374		Harding et al.	01/29/1991	
		6,253,575	B1	Chludzinski	07/03/2001	
		5,160,359		Strackenbrock et al.	11/03/1992	
		4,126,436		Bailey	11/21/1978	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document			Name of Patentee or Applicant of cited document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ³
		Office ³	Number ⁴	Kind code ⁵ (if known)				
		EP	0 321 182	A2	AT&T	06/21/1989		
		WO	83 02268	A1	Ericsson	07/07/1983		
		EP	0 079 186	A1	Corning Glass Works	05/18/1983		

	JP	246837		Yoshimura	1987	
	SU	1723059	A1	Pozdnyakov		
OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS						
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), Publisher, city, and/or country where published.				T ²
		VANCO, Michael R., "Analytical Comparison of Relative Heat-Transfer Coefficients and Pressure Drops of Inert Gases and Their Binary Mixtures," National Aeronautics and Space Administration, TN D2677, February 1965, pp. 1-15, Washington, D.C.				
		GIACOBBE, F.W., "Heat Transfer Capability of Selected Binary Gaseous Mixtures Relative to Helium and Hydrogen," Applied Thermal Engineering, 1998, pp. 199-206, Vol 18, Nos. 3-4.				
		HOLOBOFF, R., et al., "Gas Quenching With HELIUM," Advanced Materials & Processes, February 1993, pp. 23-26, Vol 143, No. 2				
		BIRD, R.B., et al., Transport Phenomena, 1960, pp.392-393.				
		MCELIGOT, D.M., et al., "Internal Forced Convection to Mixtures of Inert Gases", Int. J. Heat Mass Transfer, Pergamon Press 1977, pp. 475-486, Vol 20, Great Britain.				
		BAMMERT, K., et al., "The Influence of He-Ne, He-N ₂ , and He-CO ₂ , Gas Mixtures and Closed-Cycle Gas Turbines," ASME Reference Paper, 74-GT-124, 1974, pp.1-8.				
		Hawley's Condensed Chemical Dictionary, Twelfth Edition, 1993, p. 525.				
		MONTIERTH, M.R., "Optical Fiber Drawing Techniques," Optical Spectra, October 1978, pp. 42-48.				
		National Refrigerants, "Technical Updates: Alternative Refrigerant Terminology", http://www.refrigerants.com/t1term.htm , August 2, 2001, pp. 1-3.				
		LAVELLE, James, "Technical Updates: "Understanding Fractionation of Refrigerant Blend," National Refrigerants, http://www.refrigerants.com/undfract.htm , August 2, 2001, pp. 1-4.				
		RAJALA, Markku, et al., "Combination Furnace for Drawing Large Optical Fibre Preforms at High Speed," International Wire and Cable Symposium Proceedings, 1998, pp. 483-488.				
		GIACOBBE, F.W., "Estimation of Prandtl Numbers in Binary Mixtures of Helium and Other Noble Gases," J. Acoust. Soc. Am. 96, December 1994, pp. 3568-3580.				
		KIRK-OTHMER, "Fuel Resources to Heat Stabilizers," Encyclopedia of Chemical Technology, 1994, pp. 614-617, 4 th Ed., Vol. 12.				
		HALL, W. James, "Concentrating on Reflow's Cooling Zones", www.epp.com, March 2001, pp. 44-51.				
		KIROV, V.S., et al., "Determination of Heat-Transfer Coefficient for Gas Mixtures Containing Helium and Hydrogen," Odessa Polytechnic Institute, Translated from Inzhenerno-Fizicheskii Zhurnal, February 1974, pp. 152-154, Vol. 26, No. 2.				

Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent & Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

HOUSTON_15446221
01/24/2002 - 25184-P033US